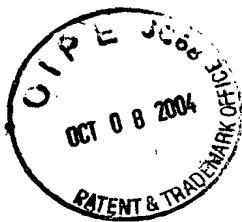


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Splawski, Igor

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agc gag tcg ctg gcc ctg gac gaa gtg aca gcc atg gac aac cac gtg Ser Glu Ser Leu Ala Leu Asp Glu Val Thr Ala Met Asp Asn His Val 210	215	220	732
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tct ccg ccc cgc agc gcg ccc ggc cag ctc cca tcg ccc cgg gcg cac Ser Pro Pro Arg Ser Ala Pro Gly Gln Leu Pro Ser Pro Arg Ala His 240	245	250	828
agc ctc aac ccc gac gcc tcg ggc tcc agc tgc agc ctg gcc cgg acg Ser Leu Asn Pro Asp Ala Ser Gly Ser Ser Cys Ser Leu Ala Arg Thr 255	260	265	876
cgc tcc cga gaa agc tgc gcc agc gtg cgc cgc gcc tcg tcg gcc gac Arg Ser Arg Glu Ser Cys Ala Ser Val Arg Arg Ala Ser Ser Ala Asp 275	280	285	924
gac atc gag gcc atg cgc gcc ggg gtg ctg ccc ccg cca ccg cgc cac Asp Ile Glu Ala Met Arg Ala Gly Val Leu Pro Pro Pro Arg His 295			972

290	295	300	
gcc agc acc ggg gcc atg cac cca ctg cgc agc ggc ttg ctc aac tcc Ala Ser Thr Gly Ala Met His Pro Leu Arg Ser Gly Leu Leu Asn Ser 305	310	315	1020
acc tcg gac tcc gac ctc gtg cgc tac cgc acc att agc aag att ccc Thr Ser Asp Ser Asp Leu Val Arg Tyr Arg Thr Ile Ser Lys Ile Pro 320	325	330	1068
caa atc acc ctc aac ttt gtg gac ctc aag ggc gac ccc ttc ttg gct Gln Ile Thr Leu Asn Phe Val Asp Leu Lys Gly Asp Pro Phe Leu Ala 335	340	345	1116
tcg ccc acc agt gac cgt gag atc ata gca cct aag ata aag gag cga Ser Pro Thr Ser Asp Arg Glu Ile Ile Ala Pro Lys Ile Lys Glu Arg 355	360	365	1164
acc cac aat gtc act gag aag gtc acc cag gtc ctg tcc ctg ggc gcc Thr His Asn Val Thr Glu Lys Val Thr Gln Val Leu Ser Leu Gly Ala 370	375	380	1212
gac gtg ctg cct gag tac aag ctg cag gca ccg cgc atc cac cgc tgg Asp Val Leu Pro Glu Tyr Lys Leu Gln Ala Pro Arg Ile His Arg Trp 385	390	395	1260
acc atc ctg cat tac agc ccc ttc aag gcc gtg tgg gac tgg ctc atc Thr Ile Leu His Tyr Ser Pro Phe Lys Ala Val Trp Asp Trp Leu Ile 400	405	410	1308
ctg ctg ctg gtc atc tac acg gct gtc ttc aca ccc tac tcg gct gcc Leu Leu Leu Val Ile Tyr Thr Ala Val Phe Thr Pro Tyr Ser Ala Ala 415	420	425	1356
ttc ctg ctg aag gag acg gaa gaa ggc ccg cct gct acc gag tgt ggc Phe Leu Leu Lys Glu Thr Glu Gly Pro Pro Ala Thr Glu Cys Gly 435	440	445	1404
tac gcc tgc cag ccg ctg gct gtg gtg gac ctc atc gtg gac atc atg Tyr Ala Cys Gln Pro Leu Ala Val Val Asp Leu Ile Val Asp Ile Met 450	455	460	1452
ttc att gtg gac atc ctc atc aac ttc cgc acc acc tac gtc aat gcc Phe Ile Val Asp Ile Leu Ile Asn Phe Arg Thr Thr Tyr Val Asn Ala 465	470	475	1500
aac gag gag gtg gtc agc cac ccc ggc cgc atc gcc gtc cac tac ttc Asn Glu Glu Val Val Ser His Pro Gly Arg Ile Ala Val His Tyr Phe 480	485	490	1548
aag ggc tgg ttc ctc atc gac atg gtg gcc gcc atc ccc ttc gac ctg Lys Gly Trp Phe Leu Ile Asp Met Val Ala Ala Ile Pro Phe Asp Leu 495	500	505	1596
ctc atc ttc ggc tct ggc tct gag gag ctg atc ggg ctg ctg aag act Leu Ile Phe Gly Ser Gly Ser Glu Glu Leu Ile Gly Leu Leu Lys Thr 515	520	525	1644
gcg cgg ctg ctg cgg ctg gtg cgc gtg gcg cgg aag ctg gat cgc tac Ala Arg Leu Leu Arg Leu Val Arg Val Ala Arg Lys Leu Asp Arg Tyr 530	535	540	1692
tca gag tac ggc gcg gcc gtg ctg ttc ttg ctc atg tgc acc ttt gcg Ser Glu Tyr Gly Ala Ala Val Leu Phe Leu Leu Met Cys Thr Phe Ala			1740

545	550	555	
ctc atc gcg cac tgg cta gcc tgc atc tgg tac gcc atc ggc aac atg Leu Ile Ala His Trp Leu Ala Cys Ile Trp Tyr Ala Ile Gly Asn Met 560	565	570	1788
gag cag cca cac atg gac tca cgc atc ggc tgg ctg cac aac ctg ggc Glu Gln Pro His Met Asp Ser Arg Ile Gly Trp Leu His Asn Leu Gly 575	580	585	1836
gac cag ata ggc aaa ccc tac aac agc agc ggc ctg ggc ggc ccc tcc Asp Gln Ile Gly Lys Pro Tyr Asn Ser Ser Gly Leu Gly Gly Pro Ser 595	600	605	1884
atc aag gac aag tat gtg acg gcg ctc tac ttc acc ttc agc agc ctc Ile Lys Asp Lys Tyr Val Thr Ala Leu Tyr Phe Thr Phe Ser Ser Leu 610	615	620	1932
acc agt gtg ggc ttc ggc aac gtc tct ccc aac acc aac tca gag aag Thr Ser Val Gly Phe Gly Asn Val Ser Pro Asn Thr Asn Ser Glu Lys 625	630	635	1980
atc ttc tcc atc tgc gtc atg ctc att ggc tcc ctc atg tat gct agc Ile Phe Ser Ile Cys Val Met Leu Ile Gly Ser Leu Met Tyr Ala Ser 640	645	650	2028
atc ttc ggc aac gtg tcg gcc atc atc cag cgg ctg tac tcg ggc aca Ile Phe Gly Asn Val Ser Ala Ile Ile Gln Arg Leu Tyr Ser Gly Thr 655	660	665	2076
gcc cgc tac cac aca cag atg ctg cgg gtg cgg gag ttc atc cgc ttc Ala Arg Tyr His Thr Gln Met Leu Arg Val Arg Glu Phe Ile Arg Phe 675	680	685	2124
cac cag atc ccc aat ccc ctg cgc cag cgc ctc gag gag tac ttc cag His Gln Ile Pro Asn Pro Leu Arg Gln Arg Leu Glu Glu Tyr Phe Gln 690	695	700	2172
cac gcc tgg tcc tac acc aac ggc atc gac atg aac gcg gtg ctg aag His Ala Trp Ser Tyr Thr Asn Gly Ile Asp Met Asn Ala Val Leu Lys 705	710	715	2220
ggc ttc cct gag tgc ctg cag gct gac atc tgc ctg cac ctg aac cgc Gly Phe Pro Glu Cys Leu Gln Ala Asp Ile Cys Leu His Leu Asn Arg 720	725	730	2268
tca ctg ctg cag cac tgc aaa ccc ttc cga ggg gcc acc aag ggc tgc Ser Leu Leu Gln His Cys Lys Pro Phe Arg Gly Ala Thr Lys Gly Cys 735	740	745	2316
ctt cgg gcc ctg gcc atg aag ttc aag acc aca cat gca ccg cca ggg Leu Arg Ala Leu Ala Met Lys Phe Lys Thr Thr His Ala Pro Pro Gly 755	760	765	2364
gac aca ctg gtg cat gct ggg gac ctg ctc acc gcc ctg tac ttc atc Asp Thr Leu Val His Ala Gly Asp Leu Leu Thr Ala Leu Tyr Phe Ile 770	775	780	2412
tcc cgg ggc tcc atc gag atc ctg cgg ggc gac gtc gtc gtg gcc atc Ser Arg Gly Ser Ile Glu Ile Leu Arg Gly Asp Val Val Val Ala Ile 785	790	795	2460
ctg ggg aag aat gac atc ttt ggg gag cct ctg aac ctg tat gca agg Leu Gly Lys Asn Asp Ile Phe Gly Glu Pro Leu Asn Leu Tyr Ala Arg 800	805	810	2508

800	805	810	
cct ggc aag tcg aac ggg gat gtg cg <sup>g</sup> gcc ctc acc tac tgt gac cta Pro Gly Lys Ser Asn Gly Asp Val Arg Ala Leu Thr Tyr Cys Asp Leu 815	820	825	2556
cac aag atc cat cg <sup>g</sup> gac gac ctg ctg gag gtg ctg gac atg tac cct His Lys Ile His Arg Asp Asp Leu Leu Glu Val Leu Asp Met Tyr Pro 835	840	845	2604
gag ttc tcc gac cac ttc tgg tcc agc ctg gag atc acc ttc aac ctg Glu Phe Ser Asp His Phe Trp Ser Ser Leu Glu Ile Thr Phe Asn Leu 850	855	860	2652
cga gat acc aac atg atc ccg ggc tcc ccc ggc agt acg gag tta gag Arg Asp Thr Asn Met Ile Pro Gly Ser Pro Gly Ser Thr Glu Leu Glu 865	870	875	2700
gg <sup>t</sup> ggc ttc agt cg <sup>g</sup> caa cg <sup>c</sup> aag cg <sup>c</sup> aag ttg tcc ttc cg <sup>c</sup> agg cg <sup>c</sup> Gly Gly Phe Ser Arg Gln Arg Lys Arg Lys Leu Ser Phe Arg Arg Arg 880	885	890	2748
acg gac aag gac acg gag cag cca ggg gag gtg tcg gcc ttg ggg ccg Thr Asp Lys Asp Thr Glu Gln Pro Gly Glu Val Ser Ala Leu Gly Pro 895	900	905	2796
ggc cg <sup>g</sup> gc <sup>g</sup> ggg gca ggg ccg agt agc cg <sup>g</sup> ggc cg <sup>g</sup> cc <sup>g</sup> ggg ggg ccg Gly Arg Ala Gly Ala Gly Pro Ser Ser Arg Gly Arg Pro Gly Gly Pro 915	920	925	2844
tgg ggg gag agc ccg tcc agt gg <sup>c</sup> ccc tcc agc cct gag agc agt gag Trp Gly Glu Ser Pro Ser Ser Gly Pro Ser Ser Pro Glu Ser Ser Glu 930	935	940	2892
gat gag ggc cca gg <sup>c</sup> cg <sup>c</sup> agc tcc agc ccc ctc cg <sup>c</sup> ctg gtg ccc ttc Asp Glu Gly Pro Gly Arg Ser Ser Pro Leu Arg Leu Val Pro Phe 945	950	955	2940
tcc agc ccc agg ccc ccc gga gag ccg ccg ggt ggg gag ccc ctg atg Ser Ser Pro Arg Pro Pro Gly Glu Pro Pro Gly Gly Glu Pro Leu Met 960	965	970	2988
gag gac tgc gag aag agc agc gac act tgc aac ccc ctg tca ggc gcc Glu Asp Cys Glu Lys Ser Ser Asp Thr Cys Asn Pro Leu Ser Gly Ala 975	980	985	3036
ttc tca gga gtg tcc aac att ttc agc ttc tgg ggg gac agt cg <sup>g</sup> gg <sup>c</sup> Phe Ser Gly Val Ser Asn Ile Phe Ser Phe Trp Gly Asp Ser Arg Gly 995	1000	1005	3084
cg <sup>c</sup> cag tac cag gag ctc cct cga tgc ccc gcc ccc acc ccc agc ctc Arg Gln Tyr Gln Glu Leu Pro Arg Cys Pro Ala Pro Thr Pro Ser Leu 1010	1015	1020	3132
ctc aac atc ccc ctc tcc agc ccg ggt cg <sup>g</sup> ccg ccc cg <sup>g</sup> ggc gac gtg Leu Asn Ile Pro Leu Ser Ser Pro Gly Arg Arg Pro Arg Gly Asp Val 1025	1030	1035	3180
gag agc agg ctg gat gcc ctc cag cg <sup>c</sup> cag ctc aac agg ctg gag acc Glu Ser Arg Leu Asp Ala Leu Gln Arg Gln Leu Asn Arg Leu Glu Thr 1040	1045	1050	3228
cg <sup>c</sup> ctg agt gca gac atg gcc act gtc ctg cag ctg cta cag agg cag Arg Leu Ser Ala Asp Met Ala Thr Val Leu Gln Leu Gln Arg Gln			3276

1055	1060	1065	1070	
atg acg ctg gtc ccg ccc gcc tac agt gct gtg acc acc ccg ggg cct				3324
Met Thr Leu Val Pro Pro Ala Tyr Ser Ala Val Thr Thr Pro Gly Pro				
1075		1080		1085
ggc ccc act tcc aca tcc ccg ctg ttg ccc gtc agc ccc ctc ccc acc				3372
Gly Pro Thr Ser Thr Ser Pro Leu Leu Pro Val Ser Pro Leu Pro Thr				
1090		1095		1100
ctc acc ttg gac tcg ctt tct cag gtt tcc cag ttc atg gcg tgt gag				3420
Leu Thr Leu Asp Ser Leu Ser Gln Val Ser Gln Phe Met Ala Cys Glu				
1105		1110		1115
gag ctg ccc ccg ggg gcc cca gag ctt ccc caa gaa ggc ccc aca cga				3468
Glu Leu Pro Pro Gly Ala Pro Glu Leu Pro Gln Glu Gly Pro Thr Arg				
1120		1125		1130
cgc ctc tcc cta ccg ggc cag ctg ggg gcc ctc acc tcc cag ccc ctg				3516
Arg Leu Ser Leu Pro Gly Gln Leu Gly Ala Leu Thr Ser Gln Pro Leu				
1135		1140		1145
cac aga cac ggc tcg gac ccg ggc agt tagtgggct gcccagtgtg				3563
His Arg His Gly Ser Asp Pro Gly Ser				
1155				
gacacgtggc tcacccaggg atcaaggcgc tgctggccg ctccccttgg aggcctgtct				3623
caggaggccc tgaccgtgga aggggagagg aactcgaaag cacagctcct ccccccagccc				3683
ttgggaccat cttctcctgc agtcccctgg gccccagtga gaggggcagg ggcaggccc				3743
gcagtaggtg gggcctgtgg tccccccact gccctgaggg cattagctgg tctaactgcc				3803
cgaggcacc cggccctggg ccttaggcac ctcaaggact tttctgctat ttactgctct				3863
tattgttaag gataataatt aaggatata tgaataatta atgaagatgc tgatgactat				3923
gaataataaa taattatcct gaggaga				3950

<210> 4  
 <211> 1159  
 <212> PRT  
 <213> Homo sapiens

<400> 4			
Met Pro Val Arg Arg Gly His Val Ala Pro Gln Asn Thr Phe Leu Asp			
1	5	10	15
Thr Ile Ile Arg Lys Phe Glu Gly Gln Ser Arg Lys Phe Ile Ile Ala			
20	25	30	
Asn Ala Arg Val Glu Asn Cys Ala Val Ile Tyr Cys Asn Asp Gly Phe			
35	40	45	
Cys Glu Leu Cys Gly Tyr Ser Arg Ala Glu Val Met Gln Arg Pro Cys			
50	55	60	
Thr Cys Asp Phe Leu His Gly Pro Arg Thr Gln Arg Arg Ala Ala Ala			
65	70	75	80
Gln Ile Ala Gln Ala Leu Leu Gly Ala Glu Glu Arg Lys Val Glu Ile			
85	90	95	

Ala Phe Tyr Arg Lys Asp Gly Ser Cys Phe Leu Cys Leu Val Asp Val  
 100 105 110

Val Pro Val Lys Asn Glu Asp Gly Ala Val Ile Met Phe Ile Leu Asn  
 115 120 125

Phe Glu Val Val Met Glu Lys Asp Met Val Gly Ser Pro Ala His Asp  
 130 135 140

Thr Asn His Arg Gly Pro Pro Thr Ser Trp Leu Ala Pro Gly Arg Ala  
 145 150 155 160

Lys Thr Phe Arg Leu Lys Leu Pro Ala Leu Leu Ala Leu Thr Ala Arg  
 165 170 175

Glu Ser Ser Val Arg Ser Gly Gly Ala Gly Gly Ala Gly Ala Pro Gly  
 180 185 190

Ala Val Val Val Asp Val Asp Leu Thr Pro Ala Ala Pro Ser Ser Glu  
 195 200 205

Ser Leu Ala Leu Asp Glu Val Thr Ala Met Asp Asn His Val Ala Gly  
 210 215 220

Leu Gly Pro Ala Glu Glu Arg Arg Ala Leu Val Gly Pro Gly Ser Pro  
 225 230 235 240

Pro Arg Ser Ala Pro Gly Gln Leu Pro Ser Pro Arg Ala His Ser Leu  
 245 250 255

Asn Pro Asp Ala Ser Gly Ser Ser Cys Ser Leu Ala Arg Thr Arg Ser  
 260 265 270

Arg Glu Ser Cys Ala Ser Val Arg Arg Ala Ser Ser Ala Asp Asp Ile  
 275 280 285

Glu Ala Met Arg Ala Gly Val Leu Pro Pro Pro Pro Arg His Ala Ser  
 290 295 300

Thr Gly Ala Met His Pro Leu Arg Ser Gly Leu Leu Asn Ser Thr Ser  
 305 310 315 320

Asp Ser Asp Leu Val Arg Tyr Arg Thr Ile Ser Lys Ile Pro Gln Ile  
 325 330 335

Thr Leu Asn Phe Val Asp Leu Lys Gly Asp Pro Phe Leu Ala Ser Pro  
 340 345 350

Thr Ser Asp Arg Glu Ile Ile Ala Pro Lys Ile Lys Glu Arg Thr His  
 355 360 365

Asn Val Thr Glu Lys Val Thr Gln Val Leu Ser Leu Gly Ala Asp Val  
 370 375 380

Leu Pro Glu Tyr Lys Leu Gln Ala Pro Arg Ile His Arg Trp Thr Ile  
 385 390 395 400

Leu His Tyr Ser Pro Phe Lys Ala Val Trp Asp Trp Leu Ile Leu Leu  
 405 410 415

Leu Val Ile Tyr Thr Ala Val Phe Thr Pro Tyr Ser Ala Ala Phe Leu  
 420 425 430

Leu Lys Glu Thr Glu Glu Gly Pro Pro Ala Thr Glu Cys Gly Tyr Ala

435	440	445
Cys Gln Pro Leu Ala Val Val Asp Leu Ile Val Asp Ile Met Phe Ile		
450	455	460
Val Asp Ile Leu Ile Asn Phe Arg Thr Thr Tyr Val Asn Ala Asn Glu		
465	470	475
Glu Val Val Ser His Pro Gly Arg Ile Ala Val His Tyr Phe Lys Gly		
485	490	495
Trp Phe Leu Ile Asp Met Val Ala Ala Ile Pro Phe Asp Leu Leu Ile		
500	505	510
Phe Gly Ser Gly Ser Glu Glu Leu Ile Gly Leu Leu Lys Thr Ala Arg		
515	520	525
Leu Leu Arg Leu Val Arg Val Ala Arg Lys Leu Asp Arg Tyr Ser Glu		
530	535	540
Tyr Gly Ala Ala Val Leu Phe Leu Leu Met Cys Thr Phe Ala Leu Ile		
545	550	555
Ala His Trp Leu Ala Cys Ile Trp Tyr Ala Ile Gly Asn Met Glu Gln		
565	570	575
Pro His Met Asp Ser Arg Ile Gly Trp Leu His Asn Leu Gly Asp Gln		
580	585	590
Ile Gly Lys Pro Tyr Asn Ser Ser Gly Leu Gly Gly Pro Ser Ile Lys		
595	600	605
Asp Lys Tyr Val Thr Ala Leu Tyr Phe Thr Phe Ser Ser Leu Thr Ser		
610	615	620
Val Gly Phe Gly Asn Val Ser Pro Asn Thr Asn Ser Glu Lys Ile Phe		
625	630	635
Ser Ile Cys Val Met Leu Ile Gly Ser Leu Met Tyr Ala Ser Ile Phe		
645	650	655
Gly Asn Val Ser Ala Ile Ile Gln Arg Leu Tyr Ser Gly Thr Ala Arg		
660	665	670
Tyr His Thr Gln Met Leu Arg Val Arg Glu Phe Ile Arg Phe His Gln		
675	680	685
Ile Pro Asn Pro Leu Arg Gln Arg Leu Glu Glu Tyr Phe Gln His Ala		
690	695	700
Trp Ser Tyr Thr Asn Gly Ile Asp Met Asn Ala Val Leu Lys Gly Phe		
705	710	715
Pro Glu Cys Leu Gln Ala Asp Ile Cys Leu His Leu Asn Arg Ser Leu		
725	730	735
Leu Gln His Cys Lys Pro Phe Arg Gly Ala Thr Lys Gly Cys Leu Arg		
740	745	750
Ala Leu Ala Met Lys Phe Lys Thr Thr His Ala Pro Pro Gly Asp Thr		
755	760	765
Leu Val His Ala Gly Asp Leu Leu Thr Ala Leu Tyr Phe Ile Ser Arg		
770	775	780

Gly Ser Ile Glu Ile Leu Arg Gly Asp Val Val Val Ala Ile Leu Gly  
 785 790 795 800

Lys Asn Asp Ile Phe Gly Glu Pro Leu Asn Leu Tyr Ala Arg Pro Gly  
 805 810 815

Lys Ser Asn Gly Asp Val Arg Ala Leu Thr Tyr Cys Asp Leu His Lys  
 820 825 830

Ile His Arg Asp Asp Leu Leu Glu Val Leu Asp Met Tyr Pro Glu Phe  
 835 840 845

Ser Asp His Phe Trp Ser Ser Leu Glu Ile Thr Phe Asn Leu Arg Asp  
 850 855 860

Thr Asn Met Ile Pro Gly Ser Pro Gly Ser Thr Glu Leu Glu Gly Gly  
 865 870 875 880

Phe Ser Arg Gln Arg Lys Arg Lys Leu Ser Phe Arg Arg Arg Thr Asp  
 885 890 895

Lys Asp Thr Glu Gln Pro Gly Glu Val Ser Ala Leu Gly Pro Gly Arg  
 900 905 910

Ala Gly Ala Gly Pro Ser Ser Arg Gly Arg Pro Gly Gly Pro Trp Gly  
 915 920 925

Glu Ser Pro Ser Ser Gly Pro Ser Ser Pro Glu Ser Ser Glu Asp Glu  
 930 935 940

Gly Pro Gly Arg Ser Ser Ser Pro Leu Arg Leu Val Pro Phe Ser Ser  
 945 950 955 960

Pro Arg Pro Pro Gly Glu Pro Pro Gly Gly Glu Pro Leu Met Glu Asp  
 965 970 975

Cys Glu Lys Ser Ser Asp Thr Cys Asn Pro Leu Ser Gly Ala Phe Ser  
 980 985 990

Gly Val Ser Asn Ile Phe Ser Phe Trp Gly Asp Ser Arg Gly Arg Gln  
 995 1000 1005

Tyr Gln Glu Leu Pro Arg Cys Pro Ala Pro Thr Pro Ser Leu Leu Asn  
 1010 1015 1020

Ile Pro Leu Ser Ser Pro Gly Arg Arg Pro Arg Gly Asp Val Glu Ser  
 1025 1030 1035 1040

Arg Leu Asp Ala Leu Gln Arg Gln Leu Asn Arg Leu Glu Thr Arg Leu  
 1045 1050 1055

Ser Ala Asp Met Ala Thr Val Leu Gln Leu Leu Gln Arg Gln Met Thr  
 1060 1065 1070

Leu Val Pro Pro Ala Tyr Ser Ala Val Thr Thr Pro Gly Pro Gly Pro  
 1075 1080 1085

Thr Ser Thr Ser Pro Leu Leu Pro Val Ser Pro Leu Pro Thr Leu Thr  
 1090 1095 1100

Leu Asp Ser Leu Ser Gln Val Ser Gln Phe Met Ala Cys Glu Glu Leu  
 1105 1110 1115 1120

Pro Pro Gly Ala Pro Glu Leu Pro Gln Glu Gly Pro Thr Arg Arg Leu

1125

1130

1135

Ser Leu Pro Gly Gln Leu Gly Ala Leu Thr Ser Gln Pro Leu His Arg  
 1140 1145 1150

His Gly Ser Asp Pro Gly Ser  
 1155

<210> 5  
 <211> 63  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Hypothetical sequence for the example of calculating homology.

<400> 5  
 accgttagcta cgtagtata tagaaaggc gcgatcgatcg tcgcgtatga cgacttagca 60  
 tgc 63

<210> 6  
 <211> 130  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Hypothetical sequence for example of calculating homology.

<400> 6  
 accggtagct acgtacgtta tttagaaagg ggtgtgtgtg tgtgtgtaaa ccggggtttt 60  
 cgggatcgatc cgtagtata gacgacttag ccatgcacgg tatacgat taggactagc 120  
 gattgactag 130

<210> 7  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 7  
 gctggggccgc tcccccttggca 20

<210> 8  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 8  
 gcatcttcat taattattca 20

<210> 9  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 9  
gacgtgctgc ctgagtaaaa

20

<210> 10  
<211> 22  
<212> DNA  
<213> Homo sapiens

<400> 10  
ttcctgctga aggagacgga ag

22

<210> 11  
<211> 21  
<212> DNA  
<213> Homo sapiens

<400> 11  
accacacctacg tcaatgccaa c

21

<210> 12  
<211> 21  
<212> DNA  
<213> Homo sapiens

<400> 12  
tgcccccatac acggaatgtg c

21

<210> 13  
<211> 19  
<212> DNA  
<213> Homo sapiens

<400> 13  
gatcgctact cagagtacg

19

<210> 14  
<211> 22  
<212> DNA  
<213> Homo sapiens

<400> 14  
gcctgggcgg cccctccatc aa

22

<210> 15  
<211> 21  
<212> DNA  
<213> Homo sapiens

<400> 15  
cacccctcgttggcattga c

21

<210> 16  
<211> 25  
<212> DNA  
<213> Homo sapiens

<400> 16

gtcgaagggg atggcggcca ccatg

25

<210> 17  
 <211> 23  
 <212> DNA  
 <213> Homo sapiens

<400> 17  
 tacaccacct gcctccttgc tga

23

<210> 18  
 <211> 21  
 <212> DNA  
 <213> Homo sapiens

<400> 18  
 gccgcgcgt actctgagta g

21

<210> 19  
 <211> 23  
 <212> DNA  
 <213> Homo sapiens

<400> 19  
 cagccagccg atgcgtgagt cca

23

<210> 20  
 <211> 21  
 <212> DNA  
 <213> Homo sapiens

<400> 20  
 gccccccct gggcacactc a

21

<210> 21  
 <211> 19  
 <212> DNA  
 <213> Homo sapiens

<400> 21  
 cagcatctgt gtgtggtag

19

<210> 22  
 <211> 19  
 <212> DNA  
 <213> Homo sapiens

<400> 22  
 ggcatttcca gtccagtgc

19

<210> 23  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 23  
 cctggccatg aagttcaaga

20

<210> 24  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 24  
 gcactgcaaa cccttccgag

20

<210> 25  
 <211> 22  
 <212> DNA  
 <213> Homo sapiens

<400> 25  
 gtcggagaac tcagggtaca tg

22

<210> 26  
 <211> 10  
 <212> DNA  
 <213> Homo sapiens

<400> 26  
 atgccggtgtc

10

<210> 27  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 27  
 gagggccaga gtgagtgggg

20

<210> 28  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 28  
 gccccccctag gccgttaagt

20

<210> 29  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 29  
 cgaaaaatg gtaggagcgg

20

<210> 30  
 <211> 20  
 <212> DNA  
 <213> Homo sapiens

<400> 30  
 cactctgcag ggagctgctt

20

<210> 31  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 31  
ctggcccccag gtaagtgtac

20

<210> 32  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 32  
tctcccgcag gccgcgccaa

20

<210> 33  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 33  
gccagcacccg gtgagggcgc

20

<210> 34  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 34  
ctccacccatcg gggccatgca

20

<210> 35  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 35  
ggtcacccag gtagggcgc

20

<210> 36  
<211> 20  
<212> DNA  
<213> Homo sapiens

<400> 36  
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Thr Val Gly Tyr Gly Asp Met Thr

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